### DOCUMENT RESUME

ED 049 644 EM 008 892

AUTHOR Bierschenk, B.

TITLE Television as a Technical Aid in Education and in

Educational and Psychological Research: A

Bibliography (Continued). Didakometry.

INSTITUTION School of Education, Malmo (Sweden). Dept. of

Educational and Psychological Research.

FEECRI NC R-29 PUE DATE Apr 71

NOTE 29p.; Special-Topic Bulletin; see also ED 037 060

EDRS FRICE EDRS Price MF-\$0.65 HC-\$3.29

DESCRIPTORS Attitudes, Audiences, \*Bibliographies, Colleges, \*Doctoral Theses, Educational Television, Elementary

Schools, \*Instructional Television, Media Research, \*Periodicals, Research Tools, Secondary Schools,

Teacher Education, Televised Instruction,

\*Television Research, Universities

### AESTRACT

A supplementary survey of Dissertation Abstracts and other periodicals in English has resulted in this updated billiography which covers material published since the original survey in 1968 (ED 037 060). Unlike the original survey, however, no German dissertations are listed. The works are divided into two categories: dissertations or other published material. Each category is further divided into subsections according to topics: instructional television (ITV) in elementary and high schools, ITV in colleges and universities, ITV in teacher training, television as a research instrument, attitudinal studies, educational television (EIV), television handbooks, and television surveys and bibliographies. Each entry provides the author, title, date of publication, and source. For documents available from University Micrcfilms or from ERIC, the appropriate ordering number is provided, although no further ordering information is given. An author index is included. (JY)



# U.S. DEPARTMENT DE HEALTH, EDUCATION & WELFARE D'FICE DE EDUCATION THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY

TELEVISION AS A TECHNICAL AID IN EDUCATION AND IN PEDAGOGICAL AND PSYCHOLOGICAL RESEARCH: A BIBLIOGRAPHY (CONTINUED)

Abstract. - The report is a supplementary bibliographic account to report No. 24 in this series concerning television as a technical aid in education and in pedagogical and psychological research. The main stress in this report lies on English dissertations from the period 1968-1970. To some extent other published material in English language is also included.

### INTRODUCTION

We published in the series "DIDAKOMETRY" report No. 24 a bibliography about television as a technical aid in education and in educational and psychological research. That report contains publications up to 1968.

Our research work has resulted in a supplementary survey of the dissertation abstracts and several periodicals in English up to the present time. The purpose of this report is to give additional information about these publications. The published material included in this report has been organized according to report No. 24 as follows:

- 1. Dissertations
- 2. Dissertations (German) have been excluded
- 3. Other published material

Each main category is divided into the following sub-sections:

- 1. Instructional Television (ITV) in Elementary and High School
- 2. Instructional Television (ITV) in College and University
- 3. Instructional Television (ITV) in Teacher Training
- 4. Television (TV) as a Special Research Instrument in Educational and Psychological Research
- 5. Attitudes toward Instructional Television (ITV) and Educational Television (ETV)
- 6. Educational Television (ETV)
- 7. Television: Handbooks and Technology
- 8. Television Surveys and Bibliographies

To facilitate the use of this bibliography three indices have been included. One lists general abbreviations, the second lists the accepted abbreviations of the periodicals cited, and the third is an alphabetically arranged authors' index.

The main work on the examination of the source material and the alphabetical arrangement of the titles has been carried out by Mr. Bengt-Olof Ljungberg.

I wish to express my gratitude to him, and to Mrs. Ann-Kristin Larsson and Mrs. Alice Pertzig for typing the manuscript.



### 1. DISSERTATIONS

# 1.1. INSTRUCTIONAL TELEVISION (ITV) IN ELEMENTARY AND HIGH SCHOOL

- Beets, Mary M. Instructional television: Inquiry method of instruction in fifth- and sixth-grade science. (United States International University), Order No. 68-14754, 1968.
- Cavert, C. E. A descriptive analysis of the learning environment for the use of Project ASERT ITV programs in Nebraska schools. (The University of Nebraska), Order No. 69-9615, 1968.
- Deliman, J.M. Administration of audio-visual aids and judged effektiveness of aids in teaching high school chemistry. (The Pennsylvania State University), Order No. 69-9752, 1968.
- Flug, E. R. F. An experimental evaluation of selected presentation modes in the self instruction of a manipulative industrial arts learning task. (University of Minnesota), Order No. 68-7312, 1967.
- Hum, S. P. C. An investigation of the use of focused video tape feedback in high school group counseling. (University of Southern California), Order No. 69-9025, 1969.
- Palmer, W.G. Audiovisual programs for senior high schools in Georgia, 1967-1968. With recommendations for improvement. (Indiana University), Order No. 68-17288, 1968.
- Taylor, D.R. An experimental investigation in the utilization of videotaped instruction. (Northern Illinois University), Order No. 69-3108, 1968.
- Theda, K. P. The relationsship of audiovisual material, equipment and technique utilization to perceived instructional effectiveness of teachers of educable mentally retarded children. (Texas Technological College), Order No. 70-1482, 1969.

### 1.2. INSTRUCTIONAL TELEVISION (ITV) IN COLLEGE AND UNIVERSITY

- Boduch, T. J. The development of video-taped lessons for use in the preparation of teachers of basic business subjects and the analysis of reactions to these video-tapes. (Northerns Illinois University), Order No. 69-13230, 1969.
- Cram, D.D. An exploratory study of the interactions among course assignments, student personality traits, and student attitudes in a basic audiovisual course. (Syracuse University), Order No. 68-13822, 1968.
- Evans, Lynn B. The uses of instructional technology at the University of Utah, 1958-1968. (University of Utah), Order No. 70-37777, 1969.
- Hennigan, T. L. The feasibility of a statewide closed-circuit television network for the higher education institutions under jurisdiction of the Louisiana State Board of Education. (Indiana University), Order No. 69-13240, 1969.
- Kruppa, J.R. A comparison of three teaching techniques using instructional films in selected units in industrial arts. (The Pennsylvania State University), Order No. 69-9778, 1968.
- Lawrence, H. H. The development of a model media course for the professional preparation of elementary and secondary teachers in Arkansas. (University of Arkansas), Order No. 69-13713, 1969.



- Lloyd, J.R. The effect of audio and visual feedback on the learning of a gross motor skill when imposed at selected stages of a learning period. (Louisiana State University), Order No. 69-4487, 1968.
- Madson, M. L. Methods, including CCTV, of presenting introductory biology: their "affect" on college freshmen. (University of Minnesota), Order No. 70-5584, 1969.
- Montgomery, Margaret A. P. The effects of various rates of presentation in combination with massed and spaced, concurrent and nonconcurrent practice modes on film-mediated perceptual motor performances. (Indiana University), Order No. 68-7221, 1967.
- Moore, F.N. A comparative study of teaching strategies involving closed-circuit television and programmed instruction. (The Ohio State University), Order No. 69-22180, 1969.
- Nelson, D.B. An investigation of the effects of using video tape critiques as teaching devices in a counseling practicum. (East Texas State University), Order No. 69-5434, 1968.
- Noland, R.G. A comparison of three video-taping techniques within a modified graduate program of elementary teacher preparation. (University of Southern Mississippi), Order No. 68-14708, 1968.
- Paulat, J.G. The effects of augmented videotaped information feedback and loop film models upon learning of a complex motor skill. (Stanford University), Order No. 70-1638, 1969.
- Raby, W.H. An investigation of the use of videotape recordings as a technique for improving the student teaching process. (University of Missouri), Order No. 69-3404, 1968.
- Stahl, A.F., Jr. A comparison of affective reactions exhibited by participants in administrative simulation. (Syracuse University), Order No. 69-8662, 1968.
- Waits, B. K. II. Relative effectiveness of two television techniques and one large lecture technique for teaching large enrollment college mathematics course. (The Ohio State University), Order No. 69-22221, 1969.
- Wassom, E. E. A study of the effects of multimedia instructional techniques on a college freshman library orientation program. (Oklahoma State University), Order No. 68-8519, 1967.

### 1.3 INSTRUCTIONAL TELEVISION (ITV) IN TEACHER TRAINING

- Alcorn, C.L. In-service educating programs for teachers utilizing instructional television in North Carolina. (University of North Carolina at Chapel Hill), Order No. 70-3187, 1969.
- Byrkit, D. R. A comparative study concerning the relative effectiveness of televised and aural materials in the inservice training of junior high school mathematics teachers. (The Florida State University), Order No. 68-16357, 1968.
- Card, R. L. A feasibility study for the utilization of instructional television in the teacher preparation program of Colorado State College. (Colorado State College), Order No. 59-2831, 1968.
- Claus, Karen E.S. The effects of modeling and feedback variables on higher-order questioning skills. (Stanford University), Order No. 69-686, 1968.



- Davis, A.R. The effectiveness of micro-teaching and video-tapes in training prospective elementary teachers in specific technical skills of teaching. (The Ohio State University), Order No. 70-6759, 1969.
- Esrig, B. In-service education of elementary school teachers via television with special reference to New York City. (Columbia University), Order No. 69-10539, 1968.
- Goldthwaite, D. T. A study of micro-teaching in the preservice education of science teachers. (The Ohio State University), Order No. 69-4894, 1968.
- Harder, R.J. A study in the supervision of social studies, student teachers utilizing video-tape techniques. (The University of Nebraska), Order No. 69-9621, 1968.
- Limbacher, P.C. A study of the effects of micro-teaching experiences upon practice teaching classroom behavior. (University of Illinois), Order No. 69-10774, 1968.
- Maccini, J.A. Evaluation of an audio-visual tutorial laboratory serving college-level introductory geology. (The Ohio State University), Order No. 69-22171, 1969.
- Oliver, W.F. An evaluation of the relativ effectiveness of informational feedback about supervisory and student reactions with beginning and experienced vocational teachers. (Rutgers- The State University), Order No. 68-8645, 1967.
- Roush, R.E. A study of change in selected teacher education interns' behavior using videotape recordings. (University of Houston), Order No. 69-13337, 1969.
- Stang, Genevieve E. The effect of a micro-teaching experience in modifying the attitudes toward teaching science held by prospective women elementary school teachers. (University of Minnesota), Order No. 68-7387, 1967.
- Sweeney, Margaret W. The effects of two organizational patterns of microsimulated teaching experiences on the verbal behavior of student teachers trained and not trained in interaction analysis. (West Virginia University), Order No. 68-13723, 1968.
- Wade, Pat. The effectiveness of three types of tape recorded interaction units in developing interpersonal counseling skills. (East Texas State University), Order No. 69-544, 1968.
- Warner, S. E. An experimental study using programmed instruction materials and tape recordings in the teaching of intermediate collegiate typewriting. (Arizona State University), Order No. 69-5720, 1969.
- Woolman, Hazel L. The effect of video-taped single concept demonstrations in an in-service program for improving instruction. (University of Houston), Order No. 69-2024, 1968.
- Young, W. H. An experimental comparison of the effects of a filmslideaudio tape and a printed brochure on factors related to a career in industrial arts teaching. (University of Missouri, Columbia), Order No. 70-3032, 1969.
- Zalatimo, S. D. A study of the availability, utilization and projected needs of audio-visual aids for vocational agriculture teachers in the public schools of Jordan. (Oklahoma State University), Order No. 68-8530, 1967.



# 1.4 TELEVISION (TV) AS A SPECIAL RESEARCH INSTRUMENT IN EDUCATIONAL AND PSYCHOLOGICAL RESEARCH

- Bailey, K.G. Self-confrontation and self-concept change in group psychotherapy. (West Virginia University), Order No. 69-13292, 1968.
- Brady, T.F. The effects of short-term microcounseling training. (Arizona State University), Order No. 70-4849, 1969.
- Brooks, E.D. Effect of alternative techniques for modifying teacher behavior. (Stanford University), Order No. 68-6512, 1967.
- DeBacy, Diane L. The effect of viewing videotapes of a selected sport skill performed by self and others on self-assessment. (The Ohio State University), Order No. 69-22116, 1969.
- Donohue, S. T. The effects of three video tape critique methods in practicum upon prospective counselors nonverbal behavior. (New Mexico State University), Order No. 70-4765, 1969.
- Friedel, A. W. A procedure for observing teacher and pupil behavior in the science classroom. (The Ohio State University), Order No. 68-15318, 1968.
- Gasswint, C.D. Changes in self concept as a function of immediate self image confrontation. (The University of Oklahoma), Order No. 68-14763, 1968.
- Genaro, A. P. de. Experimental use of the videotape recorder as an evaluative instrument and observational tool in the supervision of student teachers of physical education. (The Ohio State University), Order No. 69-22117, 1969.
- Goldberg, A.D. A sequential program for supervising counselors using the interpersonal recall technique. (Michigan State University), Order No. 68-7893, 1967.
- Goldberg, Phyllis B. A study to determine the effects of stimulated recall on the process and outcome of group counseling with under-achieving junior high school students. (New York University), Order No. 70-728, 1969.
- Gorry, T.H. A developmental study of adaption to distorted visual and auditory feedback. (Purdue University), Order No. 68-12558, 1968.
- Hatch, J.C. Television performance effectiveness study of related variables and the effects of inservice training and evaluative feedback. (The University of Wisconsin), Order No. 68-15989, 1968.
- Hengen, Nona L. The perception of danger in action illustrations. (Indiana University), Order No. 68-15442, 1968.
- Holmes, N.J. The development and evaluation of an observational system designed to measure science classroom activity from the hall. (Oklahoma State University), Order No. 68-8423, 1967.
- Jacobson, E.A. A comparison of the effects of instructions and models upon interview behavior of high-dependent and low-dependent subjects. (Indiana University), Order No. 69-4757, 1968.
- Macnamara, Patricia E. Feedback of information and evaluation of own interpersonal performance. (The Ohio State University), Order No. 69-11666, 1968.
- Matthews, J.G. A study of the teaching process in the classroom of selected physics teachers. (The Ohio State University), Order No. 68-15356, 1968.



- Mermelstein, D. E. The effect of videtape self-confrontation on poor premorbid, nonparanoid schizophrenic body image. (The Catholic University of America), Order No. 69-12306, 1968.
- Nicholson, C.L. The effect of a series of television science lessons on learning by cerebrally plasted children. (University of Pittsburgh), Order No. 70-4537, 1969.
- Pederson, M.G. Accelerating client therapeutic growth via videotape. (Marquette University), Order No. 69-3325, 1967.
- Robinson, Margaret B. Effects of video tape feedback versus discussion session feedback on group interaction, self awareness and behavioral change among group psychotherapy patients. (University of Southern California), Order No. 68-12057, 1968.
- Schloss, J. J. The effect of video and audio playback in group counseling on personality changes. (Syracuse University), Order No. 70-1969, 1969.
- Searle, P.R. The effect of video feedback on the behavior of counseling groups. (Brigham Young University), Order No. 69-3524, 1968.
- Voss, S.H. The use of photography to study children's perception of themselves and others. (The University of Florida), Order No. 68-12955, 1961.

# 1.5 ATTITUDES TOWARD INSTRUCTIONAL TELEVISION (ITV) AND EDUCATIONAL TELEVISION (ETV)

- Aquino, C.C. A study to determine the attitudes of educators following study in the area of audiovisual instruction. (Syracuse University), Order No. 69-8614, 1968.
- Rhea, H. C. The value of video self-analysis as a reinforcement technique for learning when substituted for actual practice of gross motor skills. (Colorado State College), Order No. 69-2866, 1968.
- Sims, J. V. A comparative analysis of attitudes of students taught introductory college geography by closed-circuit television and the classroom-discussion method. (The University of Oklahoma), Order No. 69-6006, 1968.

### 1.6 EDUCATIONAL TELEVISION (ETV)

- Bailey, Lena C. The feasibility of using videotape recordings as a substitute for direct observation in a home economics methods course. (The Ohio State University), Order No. 70-6716, 1969.
- Carlsson, R.A. The creation and development of educational television as an institution of adult education: a case study in American history. (The University of Wisconsin), Order No. 68-7092, 1968.
- Dasher, R. T. The music programing of national educational television. (The University of Michigan), Order No. 69-2271, 1968.

### 1.7 TELEVISION: HANDBOOKS AND TECHNOLOGY

Delaney, A.A. The roles and functions of the audiovisual building coordinator in selected public secondary schools of Nassau County, New York. (Columbia University), Order No. 69-9906, 1968.



# 1.8 TELEVISION: SURVEYS AND BIBLIOGRAPHIES

McElrath, R.L. A study of instructional closed-circuit television systems. (The University of Tennessee), Order No. 69-1253, 1968.



### 3. OTHER PUBLISHED MATERIAL

# 3.1 INSTRUCTIONAL TELEVISION (ITV) IN ELEMENTARY AND HIGH SCHOOL

- Barnes, J. Instructional media and the teaching-learning process. <u>Educ.</u> <u>Technol.</u>, 1969, <u>Dec.</u>, 59-62.
- Barry, R.A. Educational media in occupational education. AV Instr., 1970, April, 27-28.
- Bretz, R. Television and ghetto education: the Chicago schools approach. ERIC, ED 034402, 1970.
- Bucknell, J. (Ed.) The use of audiovisual aids in education for international understanding. Hamburg 1966. Deutsche Nationalbibliographie, Reihe B, 1967, 16.
- Croft, R. G. et al. Comparison of attitude changes elicited by live and videotape calssroom presentations. AV Comm. Rev., 1969, 3, 315-321.
- Denby, R. V. Language arts instruction via audiovisual aids. Elem. Engl., 1969, May, 612-621.
- Dirr, P.J. A study of the usefulness of the instructional television services of Channel 13/WNDT and recommendations for their improvement. ERIC, ED 037091, 1970.
- Elms, G. D. Closed Circuit Television model programs. <u>ERIC</u>, ED 034407, 1970.
- Filipovich, R. (Ed.) Active methods and modern aids in the teaching of foreign languages. ERIC, ED 033630, 1970.
- Gross, Lynne S. Utilizing ITV for performance classes. AV Instr., 1969, Sept. 54 ff.
- Hammond, G. Tape in an English class produces greater teacher-student interaction. AV Instr., 1969, Oct., 119-120.
- Harrell, B. Audiovisual programs and science instruction. AV Instr., 1970, Feb., 25-26.
- Harris, W. N. et al. Effectiveness of micro-teaching experiences in elementary science methods classes. J. Res. Sci. Teach., 1970, 1, 31-33.
- Hodgkinson, A. W. North Reading and the screen media. Educ. Lead., 1970, Feb., 481-484.
- Hodgkinson, A.W. et al. An investigation into the practice of screen education. ERIC, ED 036205, 1970.
- Jones, T. ITV on Guam. AV Instr., 1970, 15, 51-52.
- Jung, H. M. ITV turns students on. Today's Educ., 1970, Jan., 36-37.
- Kamenew, V. V. Life with the micraws. Vis Educ., 1970, Dec., 5-6.
- Kinder, J.S. Using audio-visual materials in education. ERIC, ED 034437, 1970.
- Klabenes, R. & Spencer, C. Video inservice program; helpful help for classroom teachers. <u>Educ. Technol.</u>, 1970, <u>March</u>, 21-22.
- Knudson, R. L. Involvement via videotape: Specialized language activities project. AV Instr., 1969, Dec., 52-53.



- Leith, G.O. M. et al. Applications of programmed learning principles to the preparation of television lessons in elementary science and mathematics. Progr. Learn. educ. Technol., 1969, Oct., 209-230.
- Meyer, R.J. ITV in the ghetto. Today's Educ., 1970, Jan., 35.
- Mitchell, Wanda B. Teacher's role in ITV. Today's Educ., 1970, Jan., 34.
- Palmer, E. L. Can television really teach? Amer. Educ., 1969, 7, 2-6.
- Pfeil, Mary P. Off the shelf and into the classroom. Amer. Educ., 1970, 7, 13-16.
- Prillaman, R. AV enhances continuous progress at Lexington middle school. Ed. Screen AV G., 1968, Dec., 10-11.
- Taylor, W. Heading for change:a background work-book for the Harlech television and University of Bristol Institute of Education series. Supplement, Heading for change: a report. <u>ERIC</u>, ED 034435, 1970.
- Thomson, Barbara S. & Voelker, A. M. Programs for improving science instruction in the elementary school. Sci. Child., 1970, 8, 29-37.
- Turner, P. Outside visit by Closed Circuit Television. Vis. Educ., 1970, Dec., 33-34.
- Wade, Serena E. Effects of television utilization procedures on learning. AV Comm. Rev., 1969, 3, 283-290.
- White, C. E. A case study: American literature as taught on television in Detroit public schools from 1957 to 1963. ERIC, ED 033962, 1970.
- Wigren, H. E. Using instructional TV. ERIC, ED 031944, 1970.
- Wilkison, J. I. Fifth graders make a video tape. Instr., 1970, Aug., 148-149.
- Wykes, J. Closed Circuit Television in the Inner London Education Authority. Vis. Educ., 1969, Aug./Sept., 31.
- Zimmerli, W. et al. Pilot programs using videotapes as a health education medium with students in grades six to nine. J. Sch. H., 1969, May, 343-348.

# 3.2 <u>INSTRUCTIONAL TELEVISION (ITV) IN COLLEGE AND UNIVERSITY</u>

- Boyce, R.A. Experience with a single feedback classroom. <u>Vis. Educ.</u>. 1970, Oct., 7.
- Brumbaugh, D. Higher education. AV Instr., 1969, 6, 75.
- Dubin, R. et al. The medium may be related to the message; college instruction by TV. <u>ERIC</u>, ED 031926, 1970.
- Dwyer, F. M. The instructional effect of motion in varied visual illustrations. J. Psychol., 1969, 2, 167-172.
- Dwyer, F.N., Jr. An experimental study of the use of visual illustrations used to complement oral instruction on television. <u>ERIC</u>, ED 029503, 1969.
- Elliot, R.B. & Markham, D.H. Portable video recorders in higher education. AV Instr., 1970, 10, 46-48.
- Gill, J.E. Move up or move out! <u>Educ. Screen AV G.</u>, 1969, <u>May</u>, 10-11.



- Gilman, D.A. Comparison of several feedback methods for correcting errors by computerassisted instruction. J.educ. Psychol., 1969, 5, 503-508.
- Johnson, D.W. Educational psychology by video tape for inservice teachers: a feasibility study. Final report. ERIC, Ed 029508, 1969.
- Meyer, R.J. Critical view of television and higher education. AAUP Bull., 1970, March, 106 ff.
- Montagnon, P. TV:s contribution to Open University. <u>Times educ. Suppl.</u>, 1969, July 18, 34.
- Nelson, G.V. Instant TV replay in the lecture hall. J. chem. Educ., 1969, Sept., 620.
- Niven, H. Radio-television degree programs in American colleges and universities 1967-1968. Eleventh report. ERIC, ED 035301, 1970.
- Rich, J. & Luckey, Elenore B. The use and production of television tapes for courses in family life education. ERIC, ED 035905, 1970.
- Richason, B. F., Jr. Teaching geography by the audiovisual tutorial method. AV Instr., 1970, 2, 41-44.
- Ryan, C.W. & Whitman, R.A. Video aides in school counseling-some practical innovations. ERIC, ED 036819, 1970.
- Thomas, W.D. AV communications at Western Montgomery County Area Vocational-Technical School. AV Instr., 1970, 10, 40-42.
- Toyn, T.D. A study of a centralized instructional television production facility for higher education institutions in Utah. ERIC, ED 033589, 1970.
- Unwin, D. (Ed.) Media and methods: Instructional technology in higher education. London (Engl.): Mc Graw-Hill, 1969, 219 pp.
- Viamonte, D., Jr. An introductory study of the status and the trends of radio and television activity in accredited two-year institutions in the United States. ERIC, ED 034524, 1970.
- Voegel, G.H. The innovative diffusion center: a potential concept to accelerate educational change. AV Instr., 1971, 1, 67-69.

### 3.3. INSTRUCTIONAL TELEVISION (ITV) IN TEACHER TRAINING

- Altman, B. E. Micro team teaching with student teachers. <u>Instr.</u>, 1969, <u>Oct.</u>, 88-89.
- Blenheim, L.C. Television teaching by professional performers? AV Comm. Rev., 1969, 3, 322.
- Borg, W.R. et al. Videotape feedback and microteaching in a teacher training model. J. exp. Educ., 1969, Summer, 9-16.
- Bower, Janet. Using videotape in a foundations course in teacher education. AV Instr., 1970, 5, 43-44.
- Burleigh, Judith C. & Peterson, H.W. Videotapes in teacher education. <u>Elem. Sch. J.</u>, 1967, <u>1</u>, 35-38.
- Chalmers, J. J. Audiovisual inservice training. AV Instr., 1970, 5, 60-63.
- Connors, E.M. & Lichten, J.L. Judaism: a TV-teacher-training course. Cath. Sch. J., 1969, May, 16-18.



- Crews, J.W. et al. Micro-teaching and other uses of videotape in teacher training. Amer. voc. J., 1969, Sept., 58-59.
- Dugas, D.G. Micro-teaching a promising medium for teacher training. Mod. Lang. J., 1967, 51, 161-167.
- Effenberger, D. It's unique and ecumenical: training religious teachers via TV. Mom., 1970, Feb., 11-17.
- Garber, G. E. & French, S. L. Closed circuit television used to train teachers of the deaf. <u>Volta Rev.</u>, 1969, <u>Sept.</u>, 362-366.
- Gardner, Majorie & Bartholomew, R. Mictroteaching: a medium for modifying teacher behavior. Sci. Teach., 1969, May, 45-47.
- Gibb, G. CCTV:some guide lines for the future use of videotapes in professional training. Educ. Teach., 1970, 81, 51-56.
- Gilliom, M.E. Instructional television, the classroom teacher, and teacher education. J. Teach. Educ., 1968, 4, 433-437.
- Haney, J.B. & Ullmer, E.J. <u>Educational media and the teacher</u>. Dubuque, Ia:Wm C. Brown Company Publishers, 130 pp.
- Hoerner, T.A. Video tape: an aid in teacher education. Ag. Educ. Mag., 1969, Sept., 60-61.
- Hood, J.D. & Johnson, J.N. The development and evaluation of a television workshop in human relations. ERIC, ED 033173, 1970.
- Hoops, M.D. & Neil, J.R. Have you seen yourself teach lately? Excep. Child., 1970, 1, 358-359.
- Johnson, J.A., Frantz, N.J., Jr. & Schultz, V. Videotape recordning in teacher education. <u>Educ. Technol.</u>, 1969, 5, 48-53.
- Johnson, J.A. & Tetterner, C.R. Use of portable videotaping equipment in teacher education, AV Instr., 1970, April, 108-110.
- Kallenbach, W.W. & Gall, M.D. Microteaching versus conventional methods in training elementary intern teachers. J. educ. Res., 1969, Nov., 136-141.
- Kitching, J.B. Closed-circuit television in teacher education: a British approach. J. Teach. Educ., 1968, 4, 456-464.
- Kohn, Dixie A. Videotaping large numbers of prospective student teachers: can it be effectively accomplished? AV Instr., 1970, April, 105-107.
- Lefranc, R. et al. Planning and organizing teacher training. Vis. Educ., 1970 Oct., 14-21.
- Martin, Ann M. Interactive media for student and teacher growth. AV Instr., 1970, April, 53-56.
- McCollum, R. & La Due, D. Microteaching in a teacher education program. Soc. Educ., 1970, 3, 333-336.
- Moe, A. J. & Feehan, Sister M.D. Use of videotape recorders in the education of reading teachers. <u>Int. Read. Ass. Conf. Proc.</u>, 1969, 1, 460-462.
- New Hampshire University, Durham, N.H. (Ed.) In-service teacher education course: teaching elementary school reading. An evaluation report. <u>ERIC</u>, ED 036459, 1970.
- Shanks, Susan J. Have you seen yourself teach lately? Excep. Child., 1970, 5, 358.



- Tanzman, J. How videotape improves teaching; Selden, N. Y. Sch. Mgmt, 1969, Aug., 56 ff.
- Tennessee University, Knoxville, Tenn. (Ed.) 1968 summary report; implications for the use of television in schools for the deaf. <u>ERIC</u>, ED 032668, 1970.
- Wagoner, R. L. & Mackenzie, N. In-service training with television in a developing nation. Educ. technol., 1969, 12, 66-68.
- Waimon, M.D. & Ramseyer, G.C. Effects of video feedback on the ability to evaluate teaching. J. Teach. Educ., 1970, 1, 92-95.
- WBGH Educational Foundation, Boston, Mass. (Ed.). The ITV humanities project; a history of the experimental programs for instructional television. ERIC, ED 031080, 1969.
- Wilbur, L. E. Video tape for preparing the novice instructor. Impr. Coll. Univer. Teach., 1970, Summer, 185-186.
- Woods, C.S. & Nortcott, P.H. An audio-visual innovation in undergraduate teaching. AV Instr., 1970, 10, 68-71.

# 3.4 TELEVISION (TV) AS A SPECIAL RESEARCH INSTRUMENT IN EDUCATIONAL AND PSYCHOLOGICAL RESEARCH

- Alkire, A.A. The use of videotaped playback in the fields of education and mental health. AV Comm. Rev., 1969, 2, 182.
- Anstis, S. M., Mayhew, J. W. & Morley, Tania. The perception of where a face or television "pertrait" is looking. Amer. J. Psychol., 1969, 4, 474-489.
- Bailey, K. G. Audiotape self-confrontation in group psychotherapy. <u>Psychol.</u> Rep., 1970, 2, 439-444.
- Beymer, L. Implications of simulation, videotape recording, analysis systems and research for counselor education. <u>Educ. Technol.</u>, 1969, 8, 56-58.
- Bloom, J. M. Videotraining in educational supervision. AV Instr., 1969, Oct., 79-80.
- Eckert, Helen M. Comparison of delayed static and dynamic visual feedback. Res. Qu., 1970, March, 39-43.
- Genensky, S. M. et al. A Closed Circuit TV system for the visually handicapped and prospects for future research. ERIC, ED 034419, 1970.
- Gibb, G.O. Account over an experiment designed to test the effectiveness of a commentary superimposed over a televised lesson. <u>Educ. Rev.</u>, 1968, 3, 204-217.
- Higgins, W.H. et al. Media therapy: a programmed approach to teaching behavioral skills; microteaching and microcounseling model. J. Counsel. Psychol., 1970, Jan., 20-26.
- Hornung, W. L. Audio amplifier printed circuit visual aid. Sch. Shopp, 1969, June, 30-31.
- Hsia, H. J. Intelligence in auditory, visual, and audio-visual information processing. AV Comm. Rev., 1969, Fall, 272-282.
- Liberman, H. & Swope, W. Analyzing student behavioral patterns with CCTV. AV Instr., 1969, 9, 50-51.



- Lorenz, C. J. Use of videotape with the teacher who talks too much. <u>Int.</u> read. Ass. Conf. Proc., 1969, <u>1</u>, 462-464.
- Palmer, E. L. et al. A comparative study of current educational television programs for preschool children. Final report. <u>ERIC</u>, ED 032123, 1970.
- Postley, M.G. Special education turns on with CCTV. Av Instr., 1971, 1, 27-28.
- Robb, Margaret & Teeple, Janet. Videotape and skill learning. Educ. Technol, 1969, Nov., 79-82.
- Salomon, G & Mc Donald, F.J. Pre- and postrest reactions to selfviewing one's performance on videotape. <u>ERIC</u>, ED 927733, 1969.
- Schwartz, Elizabeth. TV studio as a teaching medium. AV Instr., 1969, Nov., 60-62.
- Smith, K. U. & Sussman, H.M. Delayed feedback in steereing during learning and transfer of learning. J. appl. Psychol., 1970, 4, 334-342.
- Stuck, D. L. & Manatt, R. P. A comparison of audio-tutorial and lecture methods of teaching. J. educ. Res., 1970, 9, 414-418.
- Wermer, F. E. Just watch what I'm saying: a television teaching program for the deaf and the hard of hearing. ERIC, ED 030334, 1969.
- Workshop II (Ed.) Video technology and programs for the deaf; current developments and plans for the future. ERIC, ED 034334, 1970.
- Zigerell, J.J. Televised instruction: Where do we go from here? Educ. <u>Technol.</u>, 1969, 9, 72-76.

# 3.5 ATTITUDES TOWARD INSTRUCTIONAL TELEVISION (ITV) AND EDUCATIONAL TELEVISION (ETV)

- Aquino, C.C. Teacher attitudes toward audiovisual instruction as they are influenced by selected factors within teaching environment. AV Comm. Rev., 1970, 2, 187-195.
- Beavan, K. TV teaching criticized. <u>Times educ. Suppl.</u>, 1969, <u>Dec. 12</u>, 13.
- Benton, C. W. et al. <u>Television in urban education: Its application to major educational problems in sixteen sities.</u> New York, N. Y.:F.A. Praeger, 1969,141 pp.
- Brown, R. M. A survey of the reaction of lawyers to the television series "Behind the law". ERIC, ED 030316, 1969.
- Carpenter, C.R. & Carpenter, Ruth J. Abstracts of seminar discussions on quality factors in instructional material. ERIC, ED 037099, 1970.
- Carpenter, C.R. & Froke, Marlowe. Description of a practical procedure for assessing instructional film and television programs. <u>ERIC</u>, ED 037102, 1970.
- Cooper, B., Mapes, R. E.A. & Mc Quail, D. An assessment of a schools televisions series. Educ. Rev., 1966, 1, 33-44.
- Delaney, A.A. School-AV-library services: whose job? AV Instr., 1970, 9, 26-28.

15

Hall, J.E. Potential of closed circuit television as an effective instructional, medium. Educ. Technol., 1970, March, 19-20.



- Moss, L. Evaluation of a television course. Educ. Forum, 1970, March, 401-406.
- National Project for the Improvement of Televised Instruction (Ed.) Toward a significant difference. Final report of the Project. Washington, D. C.: National Association of Educational Broadcasters, 1969, 43 pp.
- Palmer, E.L. Can television really teach? Amer. Educ., 1969, Aug., 2-6.
- Schoenhals, N. L. A-V hardware is here, but where's the A-V software? Ind. Arts voc. Educ., 1969, June, 28-29.
- Skornia, H.J. & Kitson, J.W. Problems and controversy in television and radio. AV Comm. Rev., 1969, 2, 226.
- Smith, H.R. What's wrong with ITV? Educ., 1969, Feb., 257-259.
- Truby, J. D. A primer on TV. Educ. Technol., 1968, 13, 11-16.
- U.S. Office of Education's National Center for Educational Research and Development (Ed.) A study of systemic resistances to utilization of ITV in public schools systems. ERIC, ED 030011, 1969, and ERIC, ED 030012, 1969.

### 3.6 EDUCATIONAL TELEVISION (ETV)

- Borra, R. Communication through television: UNESCO adult education experiments in France, Japan and India: tele-clubs. J. Comm., 1970, March, 65-83.
- Burke, M. CCTV in South Carolina's law enforcement training. AV Instr., 1970, May, 53-55.
- Christmas, L. 500.000 switch on education. <u>Times educ. Suppl.</u>, 1970, <u>Fob. 27</u>, 7.
- Coombs, D.H. One week of educational television number five (May 6-12, 1968); UHF, VHF, Closed-Circuit, and ITFS (2500 Mhz) activity. <u>ERIC</u>, ED 029501, 1969.
- Ellis, R. et al. Educational broadcasting in the Seventies. <u>Vis. Educ.</u>, 1970, <u>Oct.</u>, 102-107.
- Genensky, S. M. Closed circuit television and the education of the partially sighted. Educ. Technol., 1970, hug., 27-31.
- Griffith, B. L. ETV can meet its audiences. Educ. Lead., 1970, Nov., 140-142.
- Grosset, P. CCTV, the ideal medium for screen education. <u>Times educ.</u> Suppl., 1969, <u>May 9</u>, 1544.
- Hill, H. E. Educational television in transition. Educ. Screen AV G., 1969, May, 7.
- Howard, A. Full time ETV channel. Times educ. Suppl., 1970, July 10, 17.
- James, J. W. Judging educational TV: Japan. <u>Times educ. Suppl.</u>, 1969, Nov. 14, 14.
- McClure, M.D. Closed-circuit television in Sweden. <u>Times educ. Suppl.</u>, 1969. April 25, 1356.
- Manchester Teachers' Audio Visual aids Group (Ed.) Educational television preview. <u>Vis. Educ.</u>, 1970, <u>Aug./Sept.</u>, 9.
- Nishimoto, M. The development of educational broadcasting in Japan. Rutland, Vt. C. E. Tuttle Comp., 1969, 297 pp.



- Phelan, L. van. AV-magination: new idea, new techniques. AV Instr., 1970, April, 42-44.
- Pickarts, E.M. et al. Family education by television. Ad. Lead., 1969, Sept., 72-74.
- Pierce, M.S. Orientations to instructional television for families of higher education institutions by Network ETV in Nebraska. A study for decision-making for ETV utilization. Final report. <u>ERIC</u>, ED 035298, 1970.
- Reddick, T.L. Use of television to teach the poor: Operation gap-stop. Ad. Lead., 1970, Δpril, 323.
- Robb, Margaret & Teeple, Janet. Educational technology research. Videotape and skill learning. Educ. <u>Technol.</u>, 1969, <u>11</u>, 79-82.
- Rookey, T.J. & Peters, E.L. ETV in Pennsylvania's classrooms. Pa Sch. J., 1969, May, 255.
- Rosen, E. & Whelpdale, Elizabeth (Eds.) Educational television across Canada. The development and state of ETV 1968. ERIC, ED 031947, 1970.
- Rostov, E.V. Future opportunities for television. Part I. President's task force on communications policy. Staff paper six. ERIC, ED 033606, 1970.
- Rostov, E.V. Future opportunities for television. Part II. Telecommunications in urban development. President's task force on communications policy. Staff paper six, Part B. ERIC, ED 033596, 1970.
- Rowett, H.G.Q. & Strowger, A.L. Alides and tapes as by-products of ETV. Times educ. Suppl., 1969, July 18, 36.
- Shaffer, M. C. Educational television in the Soviet Union. AV Instr., 1970 March, 69-73.
- Vera, J. M. de. Educational television in Japan. ERIC, ED 031077, 1969.

### 3.7 TELEVISION: HANDBOOKS AND TECHNOLOGY

- Adams, D. V. AV technician: a necessity. Educ. Screen AV G., 1968, Dec., 15 ff.
- Balson, M. Educational technology in Australia. Educ. Technol., 1969, Nov., 10-12.
- Bjerstedt, A. Educational technology in Sweden. Educ. Technol., 1969, Nov., 48-51.
- Borich, G.D. Guidelines for the integration of instructional television in speech and hearing facilities. ERIC, ED 033585, 1970.
- Brown, J. W. (Ed.) et al. AV instruction media and methods (Third edition). ERIC, ED 032765, 1970.
- Brown, J.W. & Lewis, R.B. (Eds.) AV instructional materials manual; a Self-instructional guide to AV laboratory experiences (Third edition). ERIC, ED 033582, 1970.
- Buter, E. M. Educational technology in Holland. Educ. Technol., 1969, Nov., 22-25.
- Carré, C.G. Means of increasing the effectiveness of lectures given on closed circuit television. Educ. TV Int., 1969, Sept., 199-203.
- Connor, D.V. Educational technology in Australia. <u>J. educ. Technol.</u>, 1970, 3, 207-216.



- Cooper, B. (Ed.) ITFS, what it is. How to plan; instructional television fixed service. ERIC, ED 018980, 1968.
- Coull, A. & Smith, A.A. The design of a television seminar room. <u>Vis.</u> <u>Educ.</u>, 1970, <u>5</u>, 17-18.
- Crossman, D. R. The current state of the remote access audio video information system. AV Instr., 1970, 15, 20-23.
- Dale, E. Audio-visual methods in teaching (Third edition). New York, N. Y.: Holt, Rinehart & Winston, 1970, 732 pp.
- Diamond, R. M. Programmed instruction on audio-visual equipment operation and application. ERIC, ED 018977, 1968.
- Farrag, O. L. Educational technology in the UAR and the Arab states. Educ. Technol., 1969, Nov., 52-55.
- Gottheimer, T. Educational technology in Czechoslovakia. Educ. Technol., 1969, Nov., 16-17.
- Gropper, G. L. Programming visual presentations for procedural learning. Studies in televised instruction. Final report. AV Comm. Rev., 1969, 2, 238.
- Gyaraki, F.F. & Terenyi, L. Educational technology in Hungary. Educ. <u>Technol.</u>, 1969, <u>Nov.</u>, 26-27.
- Heinich, R. Technology and teacher productivity. AV Instr., 1971, 1, 79-82.
- Hoey, M. J. Origination training. AV Instr., 1970, 1, 74-75.
- Houghton, V. P. Educational technology in Canada. Educ. Technol., 1969, Nov., 13-15.
- Hub Electric Company, Inc. (Ed.) Hot light and cameras, basic techniques for educational television. ERIC, ED 029454, 1969.
- Kruszewski, K. Educational technology in Poland. Educ. Technol., 1969, Nov., 41-44.
- Kulkarni, S.S. Educational technology in India. Educ. Technol., 1969, Nov., 28-32.
- Lahtinen, Anja. Educational technology in Finland. Educ. Technol., 1969, Nov., 18-19.
- Miller, I.B. Scheduling and logging educational videotape recorders. AV Instr., 1969, Sept., 66-67.
- Mundy, D. Educational technology in New Zealand. Educ. Technol., 1969, Nov., 38-40.
- Ogubi, M. Educational technology in Japan. Educ. Technol., 1969, Nov., 36-37.
- Rogers, E.H. Educational technology in the junior school. I. Introductory article. Vis. Educ., 1970, Aug./Sept., 11-12.
- Saettler, P. Instructional technology; some concerns and desiderata. AV Comm. Rev., 1969, Winter, 357-367.
- Schwartz, Elizabeth. The TV studio as a teaching medium.  $\Delta V$  Instr., 1969, 9, 60.
- Scuorzo, H.E. The practical audio-visual handbook for teachers. ERIC. ED 035316, 1970.
- Silverman, R. E. Educational technology in Israel. Educ. Technol., 1969 Nov., 33-35.



- Southwork, G. R. Instructional television over phone lines. AV Instr., 1970, April, 32.
- Swartout, S.G. Certification of AV personnel. AV Instr., 1970, June, 73.
- Wakerley, P.A. Educational technology in Rhodesia. Educ. Technol., 1969, Nov., 45-47.
- Wyman, R. Mediaware specification guidelines. AV Instr., 1970, June, 106-109.

### 3. 8 TELEVISION: SURVEYS AND BIBLIOGRAPHIES

- Bierschenk. B. Television as a technical aid in education and in educational and psychological research: a bibliography. ERIC, ED 037060, 1970.
- Bryer, K. Textbooks preferred to aids. <u>Times educ. Suppl.</u>, 1970, <u>Jan.</u> 30, 6.
- Carpenter, C.R. Selected bibliography of summarizing and Capstone Reports No. I. The conditions, requirements and variables affecting the quality of complex learning mediated by instructional television systems. ERIC, ED 037100, 1970.
- Carpenter, C.R. et al. Educational and instructional television faculties evaluation: preliminary practical procedures. ERIC, ED 037101, 1970.
- C.S. Tepfer Publishing Company, Inc. (Ed.) Educational television. ERIC, ED 030310, 1969.
- Dyer, P. E. Evaluation of the joint standards by media people. AV Instr., 1970, April, 38.
- English Language Services, Washington, D. C. (Ed.) ELS teacher education program. <u>ERIC</u>, ED 036795, 1970.
- Fothergill, R. (Ed.) News and views from colleges and institutes of education. Vis. Educ., 1971, Jan., 28-30.
- Grant, P. L. The television iceberg. ERIC, ED 031891, 1970.
- Groombridge, B.H. et al. Closed Circuit Television in education. <u>Vis.</u> <u>Educ.</u>, 1970, <u>Nov.</u>, 5-12.
- Harrison, J. A. (Ed.) European research in audio-visual aids. Part I. Bibliography. Part II. Abstracts. AV Comm. Rev., 1969, 2, 236 ff.
- Helvey, T. C. Cybernetic pedagogy. Educ. Technol., 1969, Sept., 17-22.
- Hill, H. E. Educational films on ITV: a step forward. Educ. Screen AV G., 1969, Jan., 12 ff.
- Ives, J. University TV research at Leeds. J. educ. Technol., 1970, 2, 139-147.
- Kemelfield, G. Progress report of the schools' television research project. Educ. TV Int., 1969, Sept., 224-232.
- Kenney, Birgitte L. Annotated bibliography on television and videotape in psychiatry. ERIC, ED 033574, 1970.
- Maclean, R. Television in education. ERIC, ED 035292, 1970.
- Molstad, J. Selected summaries of research studies including new educational media. <u>Educ. Technol.</u>, 1968, <u>16</u>, 20-21.



- National Association of Educational Broadcasters (Ed.) Toward a significant difference; final report of the national project for the improvement of televised instruction, 1965-1968. <u>ERIC</u>, ED 032774, 1970.
- Pophan, W. J. Curriculum materials. Rev. Educ. Res., 1969, 3, 319-338.
- Richardson, R. H. Closed-circuit television as a medium of education. Times educ. Suppl., 1970, July 17, 34.
- San Diego Area Instructional Television Authority, San Diego, Calif. (Ed.)
  A preliminary report on San Diego Area Instructional Television Authority development. <u>ERIC</u>, ED 030302, 1969.
- Sierra, S. Pioneer reviews recall AV age of innocence. AV Instr., 1969, Dec., 78-80.
- Svobodny, Dolly D. Television and film in college English instruction: a bibliography of research and studies with abstracts. ERIC, ED 035674, 1970.
- Tyler, E.K. Instructional television and radio in the Detroit public schools, survey and recommendations; report of a special survey group in cooperation with the national project for improvement of televised instruction. ERIC, ED 032749, 1970.
- Visual Education, London (Engl.) (Ed.) The experimental development unit: developments in audio-visual equipment. Vis. Educ., 1970, Year-book (July), 47-63.
- Weisgerber, H.A. (Ed.) Instructional process and media innovation. Chicago, Ill.: Rand Mc Nally, 1963, 569 pp.
- Whitfield, E.A. & Glaeser, G.A. Microfilm approach to disseminating vocational information: an evaluation; project VIEW. <u>Vocat. G. Qu.</u>, 1969, <u>Dec.</u>, 82-86.
- Zdep, S. M. & Irvine, S. H. A reverse Hawthorne effect in educational evaluation. J. Sch. Psychol., 1970, 8, 89-95.



### 1. GENERAL ABBREVIATION INDEX

AAUP American Association of University Professors

al. alii Aug. August

AV Audio-Visual, audiovisual

CC Closed Circuit

CCTV Closed Circuit Television

Company

D. C. District of Columbia

Dec. December
Ed. Editor
Eds. Editors

ELS English Language Services

Engl. England, English

ERIC Educational Resources Information Center

ETV Educational Television

Feb. February ff following

Ia Iowa

Inc. Incorporated

ITFS Instructional Television Fixed Service

ITV Instructional Television

Jan. January Jr. Junior

L.A. Los Angeles

Mass. Massachusetts

MHz Megaherz

N. H. New Hampshire

No. Number November

NSPI National Society for Programmed Instruction

N. Y... New York (State)

Oct. October

Pa Pennsylvania

pp pages

Sept. September
Tenn. Tennessee
TV Television

UAR United Arab Republic
UHF Ultra-high frequency

UNESCO United Nations Educational, Scientific and

Cultural Organization

U.S. United States

VHF Very high frequency

Vt Vermont



# 2. SPECIAL ABBREVIATIONS INDEX: JOURNALS AND REVIEWS

AAUP Bull,

Ad. Lead.
Ag. Educ. Mag.
Amer. Educ.

Amer. educ. Res. J.

Amer. J. Psychol.

Amer. voc. J.

AV Comm. Rev.

AV Instr.

Cath. Sch. J.
Compar. Educ. Rev.

Educ. Forum
Educ. Index
Educ. Lead.

Educ. psychol. Measmt

Educ. Rev.
Educ. Screen AV G.
Educ. Teach.
Educ. Technol.
Educ. TV Int.
Elem. Engl.
Elem. Sch. J.
Engl. J.

Excep. Child.

ERIC

Harvard educ. Rev.

Impr. Coll. Univer. Teach.

Ind. Arts. voc. Educ.

Instr. Int. Read. Ass. Conf. Proc.

J. appl. Psychol.
J. chem. Educ.
J. Comm.
J. counsel. Psychol.
J. educ. Psychol.
J. educ. Res.
J. educ. Technol.

J. exp. Psychol.

J. exp. Educ.

J. Pers. soc. Psychol.

J. proj. Techn. Pers. Assmt.

J. Psychol.

"American Association of University Professors Bulletin"
"A dult Leadership"

"The Agriculture Education Magazine"

"American Education"

"American Educational Research Journal"

"The American Journal of Psychology"

"American Vocational Journal"

"Audiovisual Communication Review"

"Audiovisual Instruction"

'The Catholic School Journal"
"Comparative Education Review"

"Education"

"The Educational Forum"

"Education Index"

"Educational Leadership"

"Educational and Psychological Measurement"

"Educational Review"

"Educational Screen AV Guide"

"Education for Teaching"
"Educational Echnology"

"Educational Television International"

"Elementary English"

"The Elementary School Journal"

"The English Journal"

"Educational Resources Information Center"

"Exceptional Children"

"Harvard Educational Review"

"Improving College and University Teaching"

"Industrial Arts and Vocational Education"

"The Instructor"

"International Reading Association Conference Proceedings"

"Journal of applied Psychology"
"Journal of Chemical Education"
"The Journal of Communication"
"Journal of Counseling Psychology"
"Journal of Educational Psychology"
"Journal of Educational Research"
"Journal of Educational Technology"

"The Journal of Experimental Education"

"Journal of Experimental Social Psychology"

"Journal of Personality and Social Psychology"

"Journal of Projectives Technique and Personality Assessment"

"The Journal of Psychology"



J. Res. Sci. Teach.

J. Sch. H.

J. Sch. Psychol.
J. spec. Educ.

J. Teach. Educ.

Mod. Lang. J.

Mom.

Multivariate behav. Res.

NSPI J.

Pa Sch. J.

Progr. Learn. educ. Technol.

Psychol. Rep. Psychol. Sch.

Res. Educ.

Res. Qu.

Rev. educ. Res.

Sch. Mgmt

Sch. Rev.

Sch. Shopp

Sci. Amer.

Sci. Child.

Sci. Teach.
Soc. Educ.
Soc. Studies

Teach. Coll. Rec.

Times educ. Suppl.

Today's Educ.

Vis. Educ.

Vocat. G. Qu.

Volta Rev.

"Journal of Research in Science Teaching"

"The Journal of School Health"

"Journal of School Psychology"

"The Journal of Special Education"

"The Journal of Teacher Education"

"The Modern Language Journal"

"Momentum"

"Multivariate Behavioral Research"

"National Society for Programmed Instruction, Journal"

"Pennsylvania School Journal"

"Programmed Learning and Educa-

tional Technology"

"Psychological Report"

"Psychology in the Schools"

"Research in Education"

"Research Quarterly"

"Review of Educational Research"

"School Management"

"School Review"

"School Shop"

"Scientific American"

"Science and Children"

"The Science Teacher"

"Social Education"

"The Social Studies"

"The Teachers College Record"

("The Record")

"The Times (London) Educational

Supplement"

"Todays' Education"

"Visual Education"

"The Vocation Guide Quarterly"

"The Volta Review"



## 3. AUTHORS'INDEX

Name	Section	Page
Adams, D.V.	3.7	<b>1</b> 5
Alcorn, C.L.	1.3	3
Alkire, A.A.	3.4	12
Altman, B.E.	3.3	10
Anstis, S.M. et al.	3,4	12
Aquino, C.C.	1.5, 3.5	6, 13
-	1.4, 3.4	5, 12
Bailey, K.G. Bailey, Lena C.	1.6	6
Balson, M.	3.7	<b>1</b> 5
Barnes, J.	3.1.	8
Barry, R.A.	3.1	8
Beavan, K.	3.5	13
Beets, Mary M.	1.1	2
Benton, C.W. et al.	3.5	13
Beymer, L.	3.4	12
Bierschenk, B.	3.8	16
Bjerstedt, Å.	3.7	15
Blenheim, L.C.	3.3	10
Bloom, J.M.	3.4	12
Boduch, T.J.	1.2	2
Borg, W.R. et al.	3.3	10
Borich, G.D.	3.7	15
Borra, R.	3.6	14
Bower, Janet	3,3	10
Boyce, R.A.	3.2	9
Brady, T.F.	i.4	5
Bretz, R.	3.1	8 5
Brooks, E.D.	1.4	15
Brown, J.W. et al. (Ed.;	3.7 3.5	13
Brown, R.M.	3.2	9
Brumbaugh, D.	3.8	16
Bryer, K. Bucknell, J. (Ed.)	3.1	8
Burke, M.	3.6	14
Burleigh, Judith C.	3.3	10
Buter, E. M.	3.7	15
Byrkit, D.R.	1.3	3
	1.3	3
Card, R.L. Carlson, R.A.	1.6	6
Carpenter, C.R.	3.8	17
Carpenter, C.R. et al.	3.5	13
Carpenter, C.R. et al.	3.8	17
Carré, C.G.	3.7	15
Cavert, C.E.	1.1	2
Chalmers, J.J.	3.3	10
Christmas, L.	3.6	14
Claus, Karen E.S.	1.3	:3
Conner, D.V.	3.7	15
Connors, E.M.	3.3	10
Coombs, D.H.	3.6	14
Cooper, B. (Ed.)	3.7	16 13
Cooper, B. et al.	3.5 3.7	16
Coull, A. et al.	1.2	2
Cram, D.D.	3.3	11
Crews, J.W. et al.	5.5	



Croft, R.G. et al.	3.1	8
Crossman, D.R.	3.7	16
C.S. Tepfer Publishing Company,		
Inc. (Ed.)	3.8	17
Dala E	2.7	
Dale, E.	3.7	16
Dasher, R.T.	1.6	6
Davis, A.R.	1.3	4
Debay, Diane L.	1.4	5
Delaney, A.A.	1.7, 3.5	6, 13
Deliman, J.M.	1.1	2
Denby, R.V.	3.1	8
Diamond, R.M.	3.7	16
Dirr, P.J.	3.1	3
Donohue, S.T.	1.4	5
Dubin, R. et al.	3.2	9
Dugas, D.G.	3.3	11
Dwyer, F.M.	3.2	9
Dwyer, F.N., Jr.	3.2	9
Dyer, P.E.	3.8	17
•		
Eckert, Helen M.	3.4	12
Effenberger, D.	3.3	11
Elliot, R.B. et al.	3.2	9
Ellis, R. et al.	3.6	14
Elms, G.D.	3.1	8
English Language Services (Ed.)	3.8	17
Esrig, B.	1.3	4
Evans, Lynn B.	1.2	2
Evans, Lynn D.	1.2	L
Farrag, O.L.	3.7	16
Filipovich, R. (Ed.)	3.1	8
Flug, E.R.F.	1.1	2
Fothergill, R. (Ed.)	3.8	17
Friedel, A.W.	1.4	5
Garber. G.E. et al.	3.3	11
Gardner, Marjorie	3.3	11
Gasswint, C.D.	1.4	5
Genaro, A.P. de	1.4	5
Genensky, S.M.	3.6	14
Genensky, S.M. et al.	3.4	12
Gibb, G.	3.3	11
Gibb, G.O.	3.4	12
Gill, J.E.	3.2	9
Gilliom, M.E.	3.3	11
Gilman, D.A.	3.2	10
Goldberg, A.D.	1.4	5
Goldberg, Phyllis B.	1.4	5
Goldthwaite, D.T.	1.3	4
Gorry, T.H.	1.4	5
Gottheimer, T.	3.7	16
Grant, P.L.	3.8	17
Griffith, B.L.	3.6	14
Groombridge, B. H. et al.	3.8	17
Gropper, G.L.	3.7	16
Gross, Lynne S.	3.1	8
•	3.6	14
Grosset, P.		
Gyaraki, F.F. et al.	3.7	16



Hall, J.E. Hammond, G. Hancy, J.B. et al. Harder, R.J. Harrell, B. Harris, W.N. et al. Harrison, J.A. (Ed.) Hatch, J.C. Heinich, R. Helvey, T.C. Hengen, Nona L. Hennigan, T.L. Higgins, W.H. et al. Hill, H.E. Hodgkinson, A.W. Hodgkinson, A.W. et al. Hoerner, T.A. Hoey, M.J. Hood, J.D. Hoops, M.D. et al. Hornung, W.L. Houghton, V.P Howard, A. Hsia, H.J. Hub Electric Company (Ed.) Hum, S.P.C.	3.5 3.1 3.3 1.3 3.1 3.1 3.8 1.4 3.7 3.8 1.4 1.2 3.4 3.6, 3.1 3.3 3.7 1.4 3.3 3.7 1.4 3.3 3.7 1.4 3.7 1.1	13 8 11 4 8 8 17 5 16 17 5 2 12 14, 17 8 8 11 11 12 16 14 12 16 12
Ives, J.	3.8	17
Jacobson, E.A. James, J.W. Johnson, D.W. Johnson, J. A. et al. Jones, T. Jung, H.M.	1.4 3.6 3.2 3.3 3.1	5 14 10 11 8 8
Kallenbach. W.W. et al. Kamenew, V.V. Kemmelfield, G. Kenney, Brigitte L. Kinder, J.S. Kitching, J.B. Klabenes, R. et al. Knudson, R.L. Kohn, Dixie A. Kruppa, J.R. Krusnewski, K. Kulkarni, S.S.	3.3 3.1 3.8 3.8 3.1 3.3 3.1 3.3 1.2 3.7	11 8 17 17 8 11 8 8 11 2 16
Lahtinen, Anja Lawrence, H.H. Lefranc, R. et al. Leith, G.O.M. et al. Liberman, H. et al. Limbacher, P.C. Lloyd, J.R. Lorenz, C.J.	3.7 1.2 3.3 3.1 3.4 1.3 1.2	16 2 11 9 12 4 3
Maccini, J.A. McClure, M.D. McCollum, R. et al.	1.3 3.6 3.3	4 14 11



McElrath, R.L. Mclean, R. Macnamara, Patricia E. Madson, M.L. Manchester Teachers' Audio Visual aids Group (Ed.) Martin, Ann M. Matthews, J.G. Mermelstein, D.E. Meyer, R.J. Miller, I.B. Mitchell, Wanda B. Moc, A.J. et al. Moldstad, J. Montagnon, P. Montgomery, Margaret A.P. Moore, F.N.	1.8 3.8 1.4 1.2 3.6 3.3 1.4 1.4 3.1, 3.2 3.7 3.1 3.3 3.8 3.2 1.2 1.2	7 17 5 3 14 11 5 9, 10 16 9 11 17 10 3
Moss, L. Mundy, D.	3.5 3.7	14 16
National Association of Educational Broadcasters (Ed.)	3.8	18
National Project for the Improvement of Televised Instruction (Ed.) Nelson, D.B. Nelson, G.V. New Hampshire University (Ed.) Nicholson, C.L. Nishimoto, M. Niven, H. Noland, R.G.	3.5 1.2 3.2 3.3 1.4 3.6 3.2	14 3 10 11 5 14 10 3
Ogubi, M. Oliver, W.P.	3.7 1.3	16 4
Palmer, E.L. Palmer, E.L. et al. Palmer, W.G. Paulat, J.G. Pederson, M.G. Pfeil, Mary P. Phelan, L. van Pickarts, E.M. et al. Pierce, M.S. Pophan, W.J. Postley, M.G. Prillaman, R.	3.1, 3.5 3.4 1.1 1.2 1.4 3.1 3.6 3.6 3.6 3.6 3.8 3.4 3.1	9, 13 13 2 3 5 9 15 15 15 18 13
Raby, W.H. Reddick, T.L. Rhea, H.C. Rich, J. et al. Richardson, R.H. Richason, B.F., Jr. Robb, Margaret et al. Robinson, Margaret B. Rogers, E.H. Rookey, T.J. et al. Rosen, E. et al.(Eds.) Rostov, E.V. Roush, R.E.	1.2 3.6 1.5 3.2 3.8 3.2 3.4, 3.6 1.4 3.7 3.6 3.6 3.6	3 15 6 10 18 10 13, 15 5 16 15 15



Rowett, H.G.Q. et al. Ryan, C.W. et al.	3.6 3.2	15 10
Sacttler, P. Salomon, G. et al.	3.7 3.4	16 13
San Diego Area Instructional Television Authority (Ed.)	3.8 1.4	18 5
Schloss, J.J. Schoenhals, N.L. Schwartz, Elizabeth	3.5 3.4, 3.7	14 13, 16
Scuarzo, H.E. Searle, P.R.	3.7 1.4	16 5
Shaffer, M.C. Shanks, Susan J.	3.6 3.3	15 11
Sierwa, S. Silverman, R.E. Sims, J.V.	3.8 3.7 1.5	18 16 6
Skornia, H.J. et al. Smith, H.M.	3.5 3.5	14 14
Smith, K.U. et al. Southwork, G.R.	3.4 3.7	13 16
Stahl, A. F., Jr. Stang, Genevieve E. Stuck, D. L. et al.	1.2 1.3 3.4	3 4 13
Svobodny, Dolly D. Swartout, S.G.	3.8 3.7	18 16
Sweeney, Margaret W. Tanzman, J.	1.3 3.3	4 12
Taylor, W.	1.1 3.1 3.3	2 9 12
Tennessee University (Ed.) Theda, K.P. Thomas, W.D.	1.1 3.2	2 10
Thomson, Barbara S. et al. Toyn, T.D.	3.1 3.2	9 10 14
Truby, J.D. Turner, F. Tyler, E.K.	3.5 3.1 3.8	9 18
Unwin, D. (Ed.) U.S. Office of Education's National	3.2	10
Center for Educational Research and Development (Ed.)	3.5	14
Vera, J.M. đe Viamonte, D., Jr.	3.6 3.2	i5 10
Visual Edication (Ed.) Voegel, G.H. Voss, S.H.	3.8 3.2 1.4	18 10 5
Wade, Pat Wade, Serena E.	1.3 3.1	4 9
Wagoner, R.L. et al. Waimon, D.L. et al.	3.3 3.3	12 12 3
Waits, B. K. II. Wakerley, P.A. Warner, S.E.	1.2 3.7 1.3	16 4
Wassom, E.E. WBGH Educational Foundation (Ed.)	1.2 3.3	3 12
Weisgerber, H.A. (Ed.)	3.8	18



- 27 -

Wermer, F.E.	3.4	13
White, C.E.	3.1	9
Whitfield, E.A. et al.	3.8	18
Wigren, H.E.	3.1	9
Wilbur, L.E.	3.3	12
Wilkison, J.I.	3.1	9
Woods, C.S. et al.	3.3	12
Woolman, Hazel L,	1.3	4
Workshop II (Ed.)	3.4	<b>i</b> 3
Wykes, J.	3.1	9
Wyman, R.	3.7	16
Young, W.H.	1.3	4
Zalatimo, S. D.	1.3	4
Zdep, S.M. et al.	3.8	18
Zigerell, J.J.	3.4	13
Zimmerli, W. et al.	3.1	9

